

REMARKS

Claims 1-21 are pending. Claims 1-3, 8-10 and 14 have been amended. Claim 21 has been added. No new matter is presented.

Claims 1-6 and 8-19 were rejected under 35 USC 102(e) as being anticipated by Ives, U.S. Publication No. 2004/0041804 A1. This rejection is respectfully traversed.

According to claim 1, an output image is generated based on the input image, where the output image has a higher resolution than the output image. Claims 8 and 14 recite substantially the same feature.

Ives teaches an apparatus for generating a three-dimensional representation from a two-dimensional image (paragraph [0001]). Ives generates an image pyramid which includes images having a lower resolution than the original image by reducing the original image (paragraph [0031]). Ives does not disclose or suggest generated an image having a higher resolution than the input image or the original image. Furthermore, the Examiner cites to nearly all of the disclosure of Ives in a general sense, and does not specifically point out where Ives teaches generating an output image at a higher resolution than the input image.

Further, the Examiner asserts that Ives teaches that the second model has higher components than the first model resolution. This is actually not true. Ives discloses, in paragraph [0022] that the required number of variables to describe a face shape is reduced by a factor of 20. This contradicts the Examiner's assertion.

Therefore, the features of claims 1, 8 and 14 are not taught or suggested by Ives. The remaining claims are allowable at least due to their respective dependencies. Applicants therefore request that this rejection be withdrawn.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is

determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 32577-2025500.

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Respectfully submitted,

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